

## ABSTRACT OF THE DISCLOSURE

In a transmitter, either the voltage or the current, or both applied to each of a pair of conductors is monitored. In a receiver either the voltage or the current, or both outputted from each conductor are monitored, thereafter the status will be outputted. Using the outputted status, either the voltage or the current, or both applied to the conductors in a transmitter will be controlled. This makes it possible to improve the degree of balance in the receiver while keeping the balance in the transmitter, which results in reducing EMC problems both in the transmitter and the receiver.